



THIS GROUP OF Y-12ERS VIEWED AND APPROVED THE LIST OF 15 articles being offered as individual safety awards to be presented soon. At left R. J. Mann and Helen Cunningham, both of Reproduction, look over the extension light with a 20-foot extension cord that can be mounted in a garage or carport. At center R. C. Wood, also of Reproduction, seems to be making up his mind to select an eight-inch wood plane that he is carefully inspecting. Next to right is Lois Oaks, Labor Relations, looking over a towel and wash cloth ensemble while at right the three-gallon safety can for gasoline holds the attention of J. E. Kemblin, of

the Mail Room. In addition, across the front of the table from left are the food choppers with suction cup attachment, set of scissors and clippers for flowers and shrubs, a nut bowl with cracker and one dozen Wilson golf balls in front of an adjustable lawn sprayer. In front of the seven-piece kitchen utensil set in box at center are an ice crusher and chrome-plated wall-attached can opener. Then in rear is a three-quart Revere saucepan. In front of the towel set is a snazzy little two-cup coffee percolator with two plastic cups and spoons, all coming in a plaid travel case. At extreme right in front of the gasoline can is a woodworkers vise.

## 15 Items Offered For Individual Safety Awards

**Wide Variety Available  
For Employees Setting  
25th UCC Period**

A wide variety of useful and attractive articles for individual safety awards are being offered Y-12ers who helped establish the 25th Union Carbide Corporation Safety Period in the Y-12 Plant earlier this year. The 15 items range from gadgets to help the "do-it-yourself" carpenter and yard worker to handy equipment for kitchens, refreshment tables and other household uses.

The 25th UCC Safety Period extended from July 2, 1959, to October 7 when the Y-12 Plant operated 3,075,427 hours without a disabling injury.

### Articles On Display

The individual safety awards were placed on display last week end at the North Portal and at the Y-12 Cafeteria. The displays will be rotated around the portals—and also be shown at the Cafeteria and the Medical Department—for the next several days. The schedule calls for display at Bear Creek Portal tomorrow, Thursday, November 19; at West Portal from Friday, November 20 through Monday, November 23; and at the East Portal on Tuesday and Wednesday, November 24 and 25.

Individual selection cards for all Union Carbide Nuclear Company employees in the Y-12 Plant Area eligible for the individual safety awards are to be distributed within the next few days. It is urged of all employees that the selection cards be filled out as soon as possible and returned through department supervision to the Safety Department. The earlier the selection cards are returned the earlier orders can be placed for the articles.

### 15 Items Listed

The 15 articles offered as individual safety awards are pictured at left for the information of any UCNC employees who might not be able to see them at portal display points, the Medical Department and the Cafeteria.

Here are 15 articles offered:  
Chrome plated wall-attached can opener.

Extension light for carport or garage, 20-foot extension cord.

Food chopper with suction cup  
Continued on Page 4

## UCNC Drive Gifts Up 5.8 Per Cent

**Y-12ers Lead Company  
Donors With \$30,475**

Final reports have been received from Y-12, Oak Ridge National Laboratory and the Oak Ridge Gaseous Diffusion Plant and the 1959 Union Carbide Nuclear Company Central Fund Drive now may be considered complete, George W. Mitchel, of the Y-12 Superintendents Department and Carbide Coordinator for the campaign has informed Company officials and installation drive chairmen. There may be a few minor contributions yet to be made, but the totals will not materially change, Mitchel said.

"It is gratifying to report a total of \$92,910.69 from this year's drive," Mitchel reported. "This is an increase of \$5,164.92 or 5.8 per cent over the totals of last year and includes payroll deductions in effect at the start of the campaign, new payroll deduction authorizations and cash, and the Union Carbide Nuclear Company contribution of \$8,150. Drive totals for each of the four counties participating were greater this year as were the total contributions from each installation. The drive chairmen at ORGDP, ORNL and Y-12 were most cooperative and effective in carrying out this drive and are to be commended for their successful efforts in this worthwhile endeavor."

A breakdown of the financial report showed that Y-12 led the other two Carbide installations in contributions with a total of \$30,475. ORGDP was next with \$27,719.25 and ORNL was close behind with \$26,529.44. Union Carbide contributions to the four counties participating were \$54,435.41 to Anderson County, \$18,050.03 to Knox; \$11,457.25 for Roane and \$818 to Morgan.

## 'The Cutting Edge' Vital—

## Importance In Space Age Will Be Cited In Program

A fact-packed program stressing the importance of cutting tools for the preservation of a leadership role by the United States in the space age is "The Cutting Edge," sponsored by the DoAll Machine Tool Co., which will be presented in Oak Ridge on Monday, November 30. The presentation is being sponsored locally by the Oak Ridge Technical Societies Joint Council and will be offered at the high school auditorium at 7:30 p.m.

C. G. Schelly, scientist, educator and director of educational research for the DoAll firm, introduces the subject of cutting edges with a historical panorama to show how the entire history of man revolves around his using natural resources to fulfill his needs. He points out that the step-by-step evolution of the cutting edge from the sharp-splintered bone of 1,000,000 years ago to the modern tools of the jet age is clearly traced in the 12 panel panorama. For each plateau in man's application of cutting edges the actual tools and the items they produced are displayed with color slides of scenes of life at the time.

All phases of the panorama will be described by the speaker with slides aiding in the discussion. Such aspects as tool forms, cutting speed, tool life and chip formation will be discussed in terms understandable to all. Following the illustrated talk, members of the audience are invited to examine the exhibits.

The Oak Ridge Technical Societies Joint Council is composed of representatives of 15 technical and professional groups in Oak Ridge. The council was formed three years ago under sponsorship of Union Carbide Nuclear Company to improve services of the various societies to their members.

## THANKSGIVING DAY HOLIDAY TO BE OBSERVED IN Y-12 THURSDAY, NOVEMBER 26

**The annual Thanksgiving Holiday will be observed in the Y-12 Plant on Thursday, November 26. On that day no Y-12er will be required to work except those employees required for the continuous operation and protection of the plant.**

## Wind Tunnel Men To Talk To Professional Group

"Wind Tunnel Instrumentation" will be the topic of talks by two speakers from the Arnold Engineering Development Center at Tullahoma, Tenn., at a meeting of the Oak Ridge Chapter of the Professional Group on Nuclear Science tomorrow night, Thursday, November 19. The meeting will be in Room C, Oak Ridge Institute of Nuclear Studies Training Building.

Speakers will be Pat Clements and W. T. Earhart. The former will discuss the design of the transistorized galvanometer current limiter developed at the Arnold Center. Earhart will speak on the facilities at the Tullahoma wind tunnel installation with emphasis on instrumentation.

## HUMAN SALT QUOTA

The average person consumes 12 pounds of salt annually, according to a 20th Century Fund report.

## Educational Survey Action Speed Urged

**Y-12ers Asked To Pick  
Subjects On Page Four**

Y-12ers intending to enroll in winter quarter courses at the University of Tennessee for night classes offered either in Knoxville or Oak Ridge, or in courses provided by the Oak Ridge Adult Educational Program who have not expressed their choice of subjects are urged to make their wants known as soon as possible.

This can be done through filling out the Educational Survey form on Page Four. The Y-12 Benefits Plan Office, Bldg. 9704-2, first floor, has information on names and numbers of courses offered by the University of Tennessee Evening School, the UT Graduate School and the Oak Ridge AEP.

The survey is being held to select the courses most wanted and to eliminate those in which insufficient interest has been shown. Filling out the survey form will enable the three sponsors of night courses offered Y-12 employees to more efficiently plan their programs for the winter quarter.

## SAFETY SCOREBOARD

**The Y-12 Plant Has  
Operated  
Four Days Or  
95,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury**

**Through November 15  
Phone 7755**

**For Daily Report  
On Accident-Free Hours**

## UT Man Will Give Third Talk On Steel Metallurgy

Dr. E. E. Stansbury, of the University of Tennessee, will speak on "Physical Metallurgy of Stainless Steels" next Tuesday night, November 24, at Dabney Hall, University of Tennessee, Knoxville. The lecture is the third in a series sponsored by the university and the Oak Ridge Chapter of the American Society for Metals. The final lecture in the series will be offered Tuesday night, December 1, at the same time and place. Dr. A. Lena, of Allegheny-Ludlum Steel Corp., will speak on "Production and Fabrication of Stainless Steels." Y-12ers interested in the subjects are invited to attend the lectures.



# The Bulletin

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Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division Of  
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## Two Y-12ers Receive Nov. 1 Promotions

**Caldwell And Gresham  
Are Named Foremen**



Jack Gresham W. C. Caldwell

Two Y-12ers in the Production Inspection Department of the Technical Division received promotions, effective November 1. They were William Curtis Caldwell and Jack Gresham. Both were promoted from the rank of inspector to that of foreman.

Caldwell has been a Y-12 employee since January 26, 1949. He was born in Tazewell, Va., October 16, 1914. He attended grade school and high school in that part of Virginia. Before coming to Y-12 he was with Union Carbide Chemicals Company's plant at South Charleston, W. Va.

Gresham was employed in the Y-12 Plant on December 14, 1953. Born in Knox County March 18, 1929, he attended school there and also went to Knox Central High School and Halls High School, where he graduated. He was in the United States Air Force in 1946-1947 and again in 1949-1953. Before coming to Y-12 he was with the Aluminum Company of America at Alcoa, Tenn., and also the Southern Railway.

## Rides Wanted, Offered

Two car pool members wanted from East Village, Oak Ridge, to Central Portal, straight day. C. W. Collins, plant phone 7-8404; or J. A. Russell, Plant phone 7477.

Ride wanted or will join car pool from Fountain City, off Fulton Road, to North or East Portal, straight day. W. H. Hatfield, plant phone 7-8634, home phone Knoxville MU 7-8634.

Riders wanted or will join car pool from Chapman Highway, Knoxville, to North or East Portal, straight day. M. B. Bridges, plant phone 7-8250, home phone Knoxville 7-2694.

## EARLY REPORTS NEEDED FOR THE Y-12 BULLETIN EDITION OF DECEMBER 2

PUH-leze, Mr., Mrs. and Miss Correspondents, Reporters and Contributors to The Y-12 Bulletin, let's have your material for the Wednesday, December 2, edition of the paper in the hands of the editor NOT LATER than next Wednesday, November 25. Just a look at the calendar will tell why—Thursday, November 26, will be observed as the Thanksgiving Day Holiday. Sure, the editor wants to observe the holiday right along with the rest of you Y-12ers; so a little advance help will be greatly appreciated.

## Two More Injuries Mar Safety Record

**Total For Year Is 10;  
1958 Mark Reached 13**

The Y-12 Safety Department posted the ninth and 10th disabling injuries in the plant this year during last week. One occurred on Wednesday, November 11; and the other was dated back to October 7 when an employee suffered what was at first thought to be a minor injury, which however forced him to be hospitalized last week.

In the November 11 mishap a machinist in the General Machine Shop suffered extensive lacerations of the face, the loss of several teeth and fractured ribs. He and a fellow employee were sawing a heavy billet of aluminum when the piece of metal ruptured, some pieces of the metal striking and throwing the injured man against another piece of equipment. He was sent to Oak Ridge Hospital, where he is expected to be confined for several days.

The other disabling injury developed from an infection of the ankle of an outside machinist in Research Services. He was working on a grating at the time of the original injury when his ankle was scraped. He received medical treatment, but the injury failed to respond to treatment and he was hospitalized again last week.

These injuries, bringing the year's total to 10, compared to 13 lost time accidents for the entire year of 1958.



Miss Mary Lucretia Allison



### ALLISON-DUNNEBACKE

The engagement of Miss Mary Lucretia Allison to William Howard Dunnebacke has been announced by parents of the bride-elect, Mr. and Mrs. T. H. Allison, 109 Regent Circle, Oak Ridge. The father of the bride-elect is with the Y-12 Guard Department. Parents of the groom-to-be are Mr. and Mrs. Carl W. Dunnebacke, Jr., 139 Georgia Ave., Oak Ridge.

Miss Allison has selected Saturday, December 26, for her wedding date. The ceremony will be solemnized at the Robertsville Baptist Church with the Rev. W. C. Summar, pastor, officiating.

Both Miss Allison and the groom-elect are graduates of Oak Ridge High School. Dunnebacke now is attending the University of Kentucky on a scholarship.

### CHLORINE FINE BLEACH

One of the dramatic innovations to the textile industry in the 18th Century was the substitution of chlorine for sunlight for bleaching. The move saved nearly six months time in whitening cloth, says a 20th Century Fund report.



LIBBY WILLIAMS  
"Miss Oak Ridge High"



JUDY GRIZZELL  
"Friendliest Girl"



EMILY PIPES  
"Most Creative Girl"



Chap just said—  
"What you don't know won't hurt you—until you find out someone else is getting paid for knowing what you don't."

Sooo—the Old Colyum Confucius is going out and find out something about somebody—here goes.

### ENGINEERING

Mechanical Engineering's John Bennett took a week's vacation last week to welcome another fine boy into his household. Little James Mark, the Bennett's fifth progeny, weighed in at eight pounds and two ounces on November 7. Congratulations to the happy parents! . . . The department extends sympathy to Nora Hurst, whose niece, Sandra Karnes, 2, who died in an auto accident in Nashville last week . . . The home of Jo Ann Shehan was all a-bustle Saturday on occasion of a gay birthday party for her son, Kelly, 4. A good time and good eats were enjoyed by all . . . And, by the way, the aforementioned Jo Ann finds that fly-casting on the sly (after dark, that is) pays off. Using a can opener and a Hadacol she finally succeeded in hooking the door mat which had been on her housetop since Halloween.

### FINANCE AND MATERIALS

Deepest sympathy is extended to John Hutton, Property, whose father, Fred Hutton, died recently in Indiana.

Look what Lula Belle Justice is doing this week on vacation from the Mail Room—catching-up on her Christmas shopping. (Now who in the heck brought THAT up.)

The welcome mat is out in Plant Records for Martha Helton, who just came to work for the department a few days ago.

Television lovers of sacred music will enjoy the singing of Margaret Parks, Reproduction, with the Kingstons Quartet on the Mull's Singing Convention program over a Knoxville station next Sunday, November 22.

Congratulations to Howard Esty, Property, Grandpappy for the first time (that rates the rank of Grandpappy, Junior Grade). Little Gerald Clifford Esty was born to the Y-12ers son, Johnny and his wife of November 3.

### INDUSTRIAL RELATIONS

The Fire and Guard Department is hoping Capt. Pat Dabbs is having the time of his life on that vacation trip to Old Mexico with his wife—they will see Mexico City, Monterey and Acapulco and that beautiful garden spelled with a lot of Xs and Os . . . Guard D. I. Davis is welcomed back after winning his bout with the flu . . . One and all are glad to know that Guards G. H. Harvey in Kingston and J. R. Barber in Knoxville are

rapidly recovering from their long siege of the miseries.

### TECHNICAL

Production Analysis reports Daisy Ward still enthusiastically reporting her exciting vacation in the Far West—it must have been as her ports of call included fabulous Las Vegas.

Special Testing extends condolences to Ruth Ruffner, whose father died recently at Pruden, Tenn.

The Eastern States saw—and was seen by—Deborah Hubbs on her recent vacation.

The sights of St. Petersburg, Fla., were seen last week by Bill Everett, Radiation Safety, while vacationing . . . G. R. Patterson is settling for his home in Knoxville for his vacation.

The welcoming crimson carpet of Special Projects got a real workout recently as the department extended royal greetings to S. G. Hull, transferred from the Oak Ridge Gaseous Diffusion Plant who has joined the Beta Four group; and also to newcomer Jeanette Akers, located with the delegation in the Bldg. 9704-2 quarters . . . Don Woodbridge is back from a vacation on which he left so quietly no one knew he was going until he had went . . . Chet Borge left with little more fanfare for a week of rest (what's else to do there) in Knoxville.

### MAINTENANCE

Deer in Alleghany County, Va., had better start ducking—J. L. Sprouse, Research Services is there with his trusty ol' shotgun . . . Condolences are extended to H. W. Ditchen, whose wife died recently.

The Colyum just got word from its old friend Arthur Ogden, Sr., Buildings and Grounds, that his son, U.S.A. Capt. Charles H. Ogden, has received a letter of commendation while assigned to the 52nd Medical Battalion in Germany. Captain Ogden was commended for outstanding performance of his duties as operations officer for the battalion in Ludwigsburg. He entered the Army in 1943 and has been on overseas duty since August, 1957. He is a graduate of Murray, Ky., High School in the Class of 1943.

### MECHANICAL OPERATIONS

Production Control extended a hearty "Howdy" last week to numerous and sundry personalities . . . Bob Hill was greeted in from the Union Carbide Chemicals Company at South Charleston, W. Va., (which by now must miss the illustrious group of its alumni now serving as Y-12ers) . . . Then Avis Collins came over from the General Machine Shop and A. L. Anderson, O. M. Kelly and G. L. Unthank bowed in from the Beta

Continued on Page 4

## Three Daughters Of Y-12ers Named ORHS Superlatives

Three charming daughters of Y-12ers were among the 14 Oak Ridge High School seniors to be voted "superlatives" and the most representative of the senior class. They were picked in an election held October 19 under auspices of The Oak Log, senior class yearbook with the final vote counted by faculty members and one member of The Log staff.

The three daughters of Y-12ers selected as superlatives were Miss Libby Williams, daughter of Guard Lieut. Doyle B. Williams, named "Miss Oak Ridge High School," Miss Judy Grizzell, the daughter of Dorothy K. Grizzell, Process Design, selected as the "Friendliest Girl," and Miss Emily Pipes, whose father is in Electrical Maintenance, designated the "Most Creative Girl" in the class.

One son of a Y-12er also joined the select list of superlatives. He is Larry Mason, one of the stars of the 1959 ORHS football team and son of C. W. Mason, Research Services. He was picked as the "Most Athletic Boy."



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

R. A. Guy, Tool Grinding and Machine Maintenance; C. J. Maddux, Sr. and J. A. Davis, Buildings and Grounds; F. J. Salts and C. E. Disney, Research Services; J. C. Parker, Product Processing; W. W. Hall, Guard; W. J. Mackley and S. O. McNeeley, Production Inspection; Edna Stooksbury, Electrical Maintenance; N. B. Keplinger and Ray Turner, Mechanical Maintenance; W. F. Quimby, Sunflower Shop; R. F. Lawler, Calex Laboratory; Virginia Newby, Production Control; E. F. Rutherford, Utilities; D. F. Bougrand, Chemical; C. F. Blaha and R. E. Lively, General Machine Shop; J. W. Stevenson, Z Area; Charlene Smith, Medical; Manford Bays, Material Control; Eugene Arnold, Janitors.

## A. H. Snell Will Address ORNL Physics Seminar

A. H. Snell, Oak Ridge National Laboratory, will speak at the weekly meeting of the Oak Ridge National Laboratory Physics Division seminar on Friday afternoon of this week, February 20. His subject will be the "Oak Ridge Thermonuclear Program" and the meeting will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL.





**"A-HUNTING THEY DID GO"**—This band of hunters from Y-12 bagged the birds—pheasants—out in South Dakota last month. From left are M. C. Asbury, Enriched Uranium Recovery; H. Bartley, Alpha Four; and R. D. "Shorty" Freels, Utilities. They based their activities at Wessington Springs, S. D., and easily got their limit of 25 birds each.

## Mixed Loop Standings Again Mixed Up; Two New Teams Deadlocked For Top

The Mixed League further mixed up its standings after the maple mauling of the popular circuit of Y-12 men and women bowlers last week. The Phantoms and Pin Plasters, tied for the top rung the previous week, both were licked to drop down the ladder. Rising to another first place deadlock were the Toppers and Scrappers, the latter team blanking the Alley Cats for four points and the Toppers taking three from the Phantoms. The Pin Plasters were plastered by the Cool Cats for four and the Goofers bagged three from the Nip and Tucks.

Roy Seivers had the top important scratch series score for the men of 563, but Jim Turner took most individual honors with 2 210 scratch games, boosted to 246 with handicap and a 653 handicap series. Mary Cusman, Scrappers had the best feminine scratch scores with a 171 game and 463 series. Nancy Garrison, a teammate, had the high handicap scores of 216 and 599. The Scrappers swept the boards in team scoring with 657, 822, 1843 and 2338.

League standing follows:

Team	W	L
Scrappers	24	16
Toppers	24	16
Phantoms	23	17
Pin Plasters	22	18
Nip and Tucks	17	21
Cool Cats	18	22
Alley Cats	16	24
Goofers	14	26

## Y-12 Teams Form For Carbide Loops

### Basketball, Volleyball Players Nearing Action

Action grew nearer last week for Y-12 basketball and volleyball players with the formation of five basketball and three volleyball outfits to compete in league competition against Oak Ridge Gaseous Diffusion Plant and Oak Ridge National Laboratory groups in an All-Carbide League. Y-12 teams will battle both ORNL and ORGDP units in volleyball while the ORGDP and Y-12 basketballers will provide the entrants in the hoop loop.

The Y-12 basketball teams already organized and their managers are the Atoms, D. W. Daws; Hawks, Ken Andrews; Beta Fours, John Lewis, Jr.; Reactors, Lew Fitzgerald; and the Ramblers, Marshall Biddix. In volleyball the Hunters, W. B. Tyree; Eagles, L. E. Wyatt; and C Shift Cats, Gib Hatmaker, are announced entrants.

Bob Cantrell, Y-12 Recreation Supervisor, announced last Friday that schedules now are being drawn for both practice sessions and league play. He urged any other groups or departments wanting to enter teams in either the basketball or volleyball loops to immediately communicate with him at Rooms 263, 265, Bldg. 9704-2, plant phone 7100, and make their wishes known.

Aid will be given individual players wanting connections with teams already formed.

Basketball competition will be staged at the gymnasiums of the Oak Ridge High School and the Robertsville Junior High School on Monday and Thursday nights. The volleyballers will bat their spheeroid around at the high school.

Y-12 teams wanting practice reservations also are urged to communicate with the Recreation Office at once.

## Riflemen Of Y-12 Shut Out Labsters

The Y-12 rifle team in the Oak Ridge Sportsmen's Association Winter League handed the Oak Ridge National Laboratory outfit a double defeat November 9. The Y-12ers scored a 1372 to 1364 scratch victory and a 1453.861 to 1443.974 handicap decision.

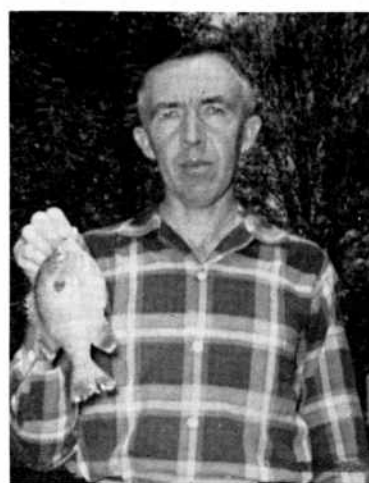
The double win left the Y-12ers on top of the league with the only undefeated mark.

High gun for the Y-12ers on November 9 was Dave Dewalt with 287 scratch out of a possible 300. Carl Brewster had 278 and Bernie Powers was close behind with 274. In handicap scoring George Peterson was on top with a mark of 292.362. Then came Dewalt at 291.037 and Brewster with 291.033.

League standing after the November 9 match follows:

Team	W	L
Y-12	6	0
ORNL	4	2
ORGDP	0	4
Independents	0	4

Before you act, think—Is there a "need to know?"



**THIS BUMPTIOUS BREAM** used to live in Cherokee Lake—that is, before it grew greedy and took a live minnow bait that was attached to a hook to which was attached a fishing line and pole wielded by O. B. Cottrell, Graphite Shop. The bream is entered in the Y-12 Annual Fishing Contest.

## Second Division C Loop Teams Win

Second division teams had a field day in alley activities of the C League of Y-12 pin ploppers November 9, the result being a general tightening of the standings all the way down the line. The eighth place Engineers uprooted the loop-leading Sunflower for three and the next to last place Hookers mauled Murderer's Row, the previous runner-up team, by the same score. The cellar-dwelling Chillers cooled off the Knot Heads for three and the SPs socked the IBMs for four points. Draw decisions were rolled by the Alley Cats - Par Busters and D Shift - Big Five.

The SPs bagged all team scoring in gtops with a 958 scratch and 1136 handicap game, 2591 scratch and 3125 handicap series. Bailey, Chillers, had the best individual game scores of 228 and 258 while Scott, Chillers, 608 scratch and 677 handicap series.

League standing follows:

Team	W	L
Sunflowers	27	13
Murderer's Row	23	17
Alley Cats	23	17
D Shift	22 1/2	17 1/2
Par Busters	22	18
Big Five	21	19
SPs	21	19
Engineers	19 1/2	20 1/2
IBMs	17	23
Knot Heads	16	24
Hookers	15	25
Chillers	13	27

## Turkey Shoots Set By Sportsmen

Y-12ers are invited to take part in the six remaining turkey shoots to be held by the Oak Ridge Sportsmen's Association at the group's grounds on the Turnpike, west of the city limits. The shoots are slated for tomorrow night, Thursday, November 19; next Tuesday, November 24; then on Thursdays, December 3, 10 and 17 and on Tuesday, December 22. The shoots begin at 7 p.m.

A shooting fee of \$1 will be charged with 10 contestants firing for each award, either a turkey or a ham. Entrants must provide their own ammunition.

## Sportsmen Boost Lead In Classic

### Bumpers Held To Tie; Eight Balls Blank Foe

The Sportsmen slightly increased their lead in the Classic League of Y-12 bowlers last week by smacking down the Smelters for three points while the Bumpers could only gain a tie with the Tigers. The Eight Balls, which had led the league for most of the season, battled to climb back up the ladder and gained a tie for third place by whitewashing the Has Beens for four points and deadlock the Swingsters, three-point victors over the Markers. The Cubs hung a surprising shut-out defeat onto the Rippers. Other three-point wins were racked up by the All Stars over the Wolves and Playboys over the Wasps. The Rebels and Screwballs rolled to a two-point deadlock.

Carl Frazier, Screwballs, topped most of the individual marks for the night with a 225 scratch and 255 handicap game and 671 handicap series. The Rebels' Freeman had the high scratch series of 589. The Rebels had the best handicap series of 2997 and the Playboys the leading handicap game of 1045.

League standing follows:

Team	W	L
Sportsmen	30	14
Bumpers	28	16
Swingsters	27	17
Eight Balls	27	17
Rippers	24	20
Markers	24	20
Rebels	24	20
Wolves	24	20
All Stars	22	22
Playboys	21	23
Smelters	20	24
Tigers	19	25
Cubs	18	26
Has Beens	17	27
Wasps	15	29
Screwballs	14	30

## Bush Loop Leaders Keep Fast Pace

The two top teams of the Bush League of Y-12 bowlers kept up their nip and tuck race November 9 as both the Beavers and Balls O' Fire took three - point wins. The Beavers bumped the Alley Gators and the Balls O' Fire burned the Hi Balls. Shutout triumphs were scored by the Alley Cats over the Lucky Five and Inspectors over the Hot Rodders. The Nine Pins and Rollniks split even at two points each.

The Balls O' Fire took all team scoring honors with an 851 scratch game, boosted to 1033 with handicap, 2354 scratch and 2900 handicap series. Individual scoring was divided four ways. George Cantrell, Balls O' Fire, had a 215 scratch game. A. W. Maxey, Beavers, rolled a 247 handicap game and Dick Huber, of the same team, a 567 scratch series. The best handicap series was 668 by Phil Breman, Hi Balls.

League standing follows:

Team	W	L
Beavers	28	8
Balls O' Fire	23 1/2	12 1/2
Alley Cats	21 1/2	14 1/2
Lucky Five	20 1/2	15 1/2
Inspectors	19	17
Hi Balls	18	18
Nine Pins	13	23
Hot Rodders	11	25
Rollniks	10 1/2	25 1/2

## White Bass Travels 50 Miles After Tag

A 12 1/2-inch white bass tagged by Game and Fish biologists near Indian Creek north of Savannah, Tenn., on Kentucky Lake April 29 apparently developed a bad case of wanderlust. The traveling stripe's journey was cut short when he was taken 53 days later by J. D. Mason near Morgan Creek south of Waverly, 50 miles from the point where he was tagged.

It is unlawful to reveal classified information to any unauthorized person.



"Occupational hazards in the pretzel industry? Nnnnoo... none that I can think of!"



**ALTHOUGH NOT IN THE TOP GROUP** of teams in the Bush Bowling League of Y-12ers, these two outfits make things interesting for the opposition every Monday night at the Ark Lanes. At left are the Alley Gators, bowlers from left being



C. W. Cupp, E. J. Coffman, H. E. Clayton, Team Capt. Jim Grubb and O. A. Ellis. Team at right is the Hot Rodders, squad members being Joe Hart, J. F. May, Clyde Bowen, Bill Huffman and Ed Spradlin.



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Jack And Mike Day

## Sons Of Y-12er Cast In Important Roles Of Playhouse Drama

Although meeting a tragic death at the hands of their mother, two of the important roles in the Greek classic play, "Medea," to conclude its production by the Oak Ridge Community Playhouse this week are two sons of a Y-12 employee. In the current production Jack and Mike Day, sons of Jack Day, Development Operations, play the parts of the sons of Medea and her husband, Jason.

"Medea" completes its run at the Playhouse Theater, Jackson Square, on Thursday, Friday and Saturday nights of this week, November 19, 20 and 21. Curtain time is 8:15 p.m. each night. Opening last week, "Medea" was enthusiastically received and praised for the completeness of the performance by the Playhouse cast.

In addition to Jack and Mike Day, other important roles in the drama are played by Ernest Early, of Electrical Engineering; and Suzanne Skeel, wife of Lew Skeel, Collex Laboratory.

### PAPER WIDELY USED

Paper and allied products rank high in the nation's industries, according to a 20th Century Fund report.

## Dr. Garrett To Speak At Meeting Of ASM

### Dinner Session Is Set At Alexander Hotel

Dr. G. A. Garrett, Superintendent of the Operation Analysis Division of the Oak Ridge Gaseous Diffusion Plant of Union Carbide Nuclear Company, will speak at the November meeting of the Oak Ridge Section of the American Society of Mechanical Engineers. The meeting will be tomorrow night, Thursday, November 19, at the Alexander Hotel, Oak Ridge. Dinner will be served at 6:30 o'clock with the business meeting following at 8 o'clock.

Dr. Garrett's subject will be "Status of Gaseous Diffusion and Other Isotope Separation Processes." He also will describe the highlights of his recent trip to Western Europe where he saw progress being made by various countries in gaseous diffusion separation. He also will touch on his experiences as a consultant to the Navy Department.

Dr. Garrett received his B.A. degree from the University of Mississippi and his M.A. and Ph.D. degrees from Rice Institute. During World War II he was a staff member of the Radiation Laboratory at the Massachusetts Institute of Technology in the development of radar.

He joined Carbide in 1946 as Head of the Theoretical Analysis Department at ORGDP.

Y-12ers wishing dinner reservations at the meeting may obtain them from J. C. Cox at plant phone 7705.

## Visking To Expand Plant Facilities At Loudon, Tenn.

The Visking Company, Division of Union Carbide Corporation, will expand its plant at Loudon, Tenn. The new facilities will be used for production of the Company's fibrous casings used in packaging of hams and bulky items such as bologna and salami. Additional warehouse areas will provide for storage of the casings.

"Loose talk" can lose our freedoms.



**THE FLEET'S IN**—and Bessie Phillips, Enriched Uranium Recovery, is most happy to have her son, Jimmy, left above, at home on a 30-day leave. His Navy buddy, Gerald Jones, right, recently discharged, came home with Jimmy and will make his home with the Phillips. Jimmy's home base is Pearl Harbor, Hawaii.

## 15 Articles Offered For Safety Awards

Continued from Page 1  
attachment making clamps unnecessary.

Three-gallon capacity gasoline safety can.

One dozen Wilson golf balls.

Garden scissors for flower cutting and shrub clipping set.

Ice crusher.

Seven-piece kitchen utensil set.

Horizontal and adjustable lawn sprinkler.

Nut bowl and cracker.

Coffee percolator with two plastic cups in carrying case.

Three-quart Revere saucepan.

Towel and wash cloth set, with a choice of white, pink or blue.

Eight-inch wood plane.

Woodworker's vise.

## Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 years of Company Service within the next few days. No Y-12ers will observe their 10th employment anniversaries during the coming week.

### 15 YEARS

**J. P. Wheeler**, Product Processing, November 19.

**David R. Carter**, Mechanical Maintenance, November 20.

**Lewis E. Selvidge**, Mechanical Maintenance, November 20.

**Ovelia W. Goad**, Chemical, November 20.

**Roy E. Hale**, Timekeeping, November 21.

**Margie M. Giles**, Product Processing, November 22.

**Hillman N. Wright**, General Machine Shop, November 22.

**Ernest F. Sosby**, Utilities, November 23.

**Wilma C. Rodgers**, Enriched Uranium Recovery, November 24.

**Eugene F. Dykes**, Buildings and Grounds, November 24.

**Glenn A. Atchley**, Guard, November 25.

## AIEE Will Hear Address On Gas Cool Reactors

H. W. Savage, former Y-12er and now with the Experimental Engineering Section of the Reactor Projects Division of Oak Ridge National Laboratory, will speak at a meeting of the Oak Ridge Section of the American Institute of Electrical Engineers tonight, Wednesday, November 18. The meeting will be at 7:30 o'clock in the Green Room of the Ridge Recreation Hall. In his talk Savage will discuss "Design Problems of Gas Cooled Reactors."



Continued from Page 2

Four Heavy Machine Shop . . . **Carl Green** and **Ken Sommerfield** also are greeted as short-term visitors . . . **Ray Fletcher** and **Jerry Dunn** are enjoying new homes in Oak Ridge . . . **Jimmy Crone** was quite proud of his Alma Mater, Clemson College, after their football flaying of the Blue Devils of Duke University the other day . . . Get well wishes are extended to **John Harding**, recuperating at home after surgery at Oak Ridge Hospital . . . Also better luck to **Virginia Newby**, whose luck recently has all been bad. She was hospitalized for the second time recently after her automobile was "target for the day" of an erring motorist.

The TW Shop welcomes **G. Neal** and **G. S. Weaver** back after long illnesses . . . Meanwhile get well wishes are sent to **R. K. Carper**, in St. Mary's Hospital, Knoxville, for a back operation . . . Likewise to **L. K. Phillips**, ill at home with ulcers; **P. A. Fritts**, **C. E. Jennings** and **H. R. Mullins**, also at home with various and assorted ailments.

The Beta Four Heavy Machine Shop has **W. B. Redmon** deer hunting around Tellico and Norris . . . A warm welcome was extended last week to **Ed Healey**, all the way from California.

### CHEMICAL OPERATIONS

Enriched Uranium Recovery reports **Edna Buchanan** is back from a vacation spent with her parents in Pineville, Ky. . . . **Mona Myers** is back from her vacation at an undisclosed destination and **Florence Archer** is away on a similar mission to another anonymous hideout.

### SHIFT SUPERINTENDENTS AND UTILITIES

From the Shift Superintendents squad **Carl Frazier** is taking his annual deer hunting vacation trip to Jefferson National Forest in Virginia—he also will visit relatives, if they don't see him first without a red cap.

Speaking of deer hunting, **C. H. Jarvis**, Utilities, killed his first such animal recently and is receiving congratulations . . . **J. A. Braden** is out on a deer hunt and doing some fishing on the side . . . **K. E. Thomas** was vacationing around home last week and was considering going to Memphis for the Vols-Rebs gridiron business . . . **J. D. Toliver** also is vacationing with relatives up in Williamsburg and Harlan, Ky. . . . **F. M. Gambill** and **Oscar Blackwell** also are home vacationers while **J. A. McCall** didn't reveal his plans.

**A Short Swipe from one of the Colyum's contributors** — "A good secretary is a gal who can keep up with her boss when he's dictating — and ahead of him when he's not."

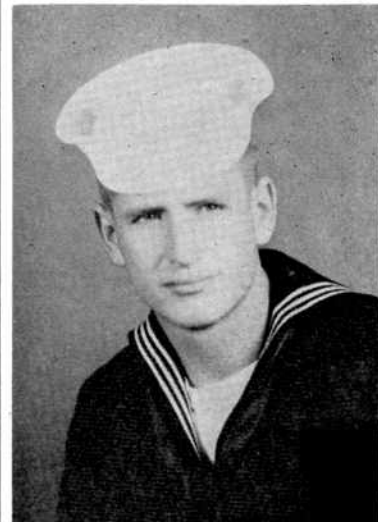
Take it easy, all you good folks.

## ORCMA Offers Pleasing Attractions For Season

Y-12 music lovers will be presented an excellent series of concerts during the coming season under auspices of the Oak Ridge Civic Music Association. Guest artists and groups and the Oak Ridge Symphony Orchestra and the Oak Ridge Chorus are booked for appearances.

The Chattanooga Symphony Orchestra will appear in Oak Ridge December 5. Other coming attractions include the Walden String Quartet January 9, Tihmar Dance Group January 16, Oak Ridge Chorus February 6, Oak Ridge Symphony Orchestra February 20, New Art Wind Quartet February 27, Anton Kuerti, pianist, April 9, and a joint concert by the symphony orchestra and chorus on April 20.

Keep your security slate clean.



**PROMOTED BY THE U.S. NAVY** to Petty Officer, 3rd Class, recently was Gary R. Garrison, son of Merle Harrison, of Research Services, and Mrs. Garrison. Gary entered the Navy in July, 1958, and completed basic training at San Diego, Cal. He then completed a course in aviation fundamentals at Norman, Okla., and one in aviation structural mechanics in February, 1959. He now is stationed at Whiting Field, Milton, Fla., where he will remain for two years.

## Safety Lane Offers Free Inspection Of Motor Vehicles

The Oak Ridge Safety Lane, offering free inspections of motor vehicles with the objective of revealing unsafe driving conditions, now is open and all Y-12 motorists are urged to avail themselves of the services offered. The lane will remain open for the safety tests through December 5 for privately owned vehicles.

The safety lane is located back of the Oak Ridge Motors, automobile dealers. It is reached from the Oak Ridge Turnpike via a road leading off at the west side of the Price Florists establishment.

Operational hours for the Oak Ridge Safety Lane will be from noon to 6 p.m., Mondays through Fridays; and from 10 a.m. to 4 p.m. on Saturdays.

All important mechanical parts of a vehicle are inspected. They are all lights and turning signals, horn, brakes, steering apparatus, rear view mirror, glass, windshield wiper, tires and exhaust system. The entire inspection requires only about three minutes and vehicles passing the test are rewarded with a sticker designating the passenger car or truck as safe to operate mechanically.

Nearly 6,000,000 motorists are under 20 years of age, according to the National Safety Council. One in 14 drivers is a 'teenager.

DON'T BE



HALF SAFE!

## Educational Survey

If you are planning to take courses during the winter quarter, at what location do you prefer that they be offered? Check one—

Knoxville U-T

Oak Ridge U-T

Oak Ridge Adult Education



Of courses tentatively offered in the school announcements for the winter quarter, list name and number of course or courses you wish to take.

What courses not listed do you need to fulfill a requirement for degree or certificate or would like to have offered? List name and number of course.

Employee's Name  
& Department

MAIL TO: **ARNOLD TILLER**  
Benefit Plans Office  
Bldg. 9704-2